**PATENT** 

ite specified below, this correspondence is being deposited with the United States I hereby certify that Postal Service as first-class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Sherri A. Phillips

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/797,727

Confirmation No. : 3937

Applicants: Jeffrey R. Jobs and Thomas A. Stenglein

: March 8, 2004

Attorney Docket No.: 33585/US

Art Unit : 2186

Customer No.

: 27,076

Examiner: Hetul B. Patel

Title

-Filed

: MEMORY HUB ARCHITECTURE HAVING PROGRAMMABLE LANE WIDTHS

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

I hereby certify that no item set forth on the attached form PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign application and, to our knowledge, after making reasonable inquiry, no item of information set forth on the attached form PTO-1449 was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. (37 C.F.R. § 1.97(e)(2))

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(d). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

Karen Lenaburg

Registration No. 58,371

KL:sp

Enclosures:

Check
Postcard
Fee Transmittal Sheet (+ copy)
Form PTO-1449
Copy of this Supplemental IDS (1)

1420 Fifth Avenue, Suite 3400 Seattle, WA 98101 Telephone (206) 903-8800 Facsimile (206) 903-8820

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Effective on 12/08/04		Complete if Known				
196	Applicat	oplication No.		10/797,727		
OFFE TRANSMITTAL CUEFT	FEE TRANSMITTAL SHEET Filing Date First Inventor			March 8, 2004		
· Q: \			Jeffrey R. Jobs et al.			
Exan		Group Art Unit		2186		
		Examiner Name		Hetul B. Patel		
		y. Docket Number		33585/US		
METHOD OF PAYMENT (Check One)	FEE CALCU			CALCULATION (Continued)		
The Director is hereby authorized to charge any additional fee	3. ADDITIO			3. ADDITIONAL FEES		
quired under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and edit any over payments to Deposit Account No. <b>50-1266</b> ; eposit Account Name: <b>DORSEY &amp; WHITNEY LLP.</b>	Large Entity Fee	Small Entity Fee	Fee	Description	Fee paid	
Check Enclosed.	50	25	cove	charge – late provisional filing fee or er sheet		
Extra Claim Fees	130	65		charge – Late nonprovisional filing or oath		
orrent Claims	180	180		omission of IDS	\$1	
otal     118     -     118     =     0     x     \$50     =     \$0       id.     16     -     16     =     0     x     \$210     =     \$0       luttiple Dependent Claims     0     x     \$370     =     \$0	40	40		cording each patent assignment per perty (times number of properties)		
Subtotal (Extra Claims) \$0	120	60	Exte	ension for reply within first month		
	450	225	Exte	ension for reply within second month	) 	
Petition Fee Under 37 CFR 1.17(f), (g), & (h)	1,020	510	Exte	ension for reply within third month		
nclosed is a Petition filed under 37 CFR as indicated below:  Petition Fee under 37 CFR 1.17(f)  Fee \$400	1,590	795	Exte	ension for reply within fourth month	-	
1.53(e) to accord a filing date.	2,160	1,080	Exte	ension for reply within fifth month		
<ul><li>1.57(a) to accord a filing date.</li><li>1.182 for decision on a question not provided for.</li></ul>	790	395	Sub	mission After Final 1.129		
1.183 to suspend the rules. 1.378(e) for reconsideration of decision on petition refusing delayed	500	250	Noti	ice of Appeal		
payment of maintenance fee in expired patent.	500	250	Filin	ng a brief in support of an appeal		
1.174(b) to accord a filing date to an application under §1.740 for extension of patent term.	1,000	500	Req	quest for oral hearing		
Petition Fee under 37 CFR 1.17(g) Fee \$200	130	65	Terr	minal Disclaimer Fee		
1.12 for access to an assignment record. 1.14 for access to an application.	800	400		sign Issue Fee		
1.47 for filing by other than all inventors or person not the inventor. 1.59 for expungement of information.	810	405	Req (RC	quest for Continued Examination (E)	•	
1.103(a) to suspend action in an application. 1.136(b) for review of a request for ext. of time when §1.136(a) not avail. 1.295 for review of refusal to publish a statutory invention registration.	130			quest for voluntary publication or ublication		
1.296 to withdraw a req. for pub. after notice of intent to publish issued.	500	250	Peti	ition to Revive – unavoidable		
1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.	1,500	750	Peti	ition to Revive – unintentional		
1.550(c) for request for ext. of time In <u>ex parte</u> reexam. proceedings.  1.956 for request for ext. of time In <u>ex parte</u> reexam. proceedings.	200		Filin	ng for patent term adjustment	•	
<ul><li>5.12 for expedited handling of foreign filing license.</li><li>5.15 for changing the scope of a license.</li></ul>	400			quest for reinstatement of term		
1.5.25 for retroactive license.	1,120			uced ension of term of patent		
Petition Fee under 37 CFR 1.17(h) Fee \$130 1.19(g) to request documents in a form other than provided in this part.	OTHER	FFF				
1.84. for accepting color drawings or photographs. 1.91 for entry of a model or exhibit.	(specify)					
1.102(d) to make an application special. 1.138(c) to expressly abandon an application to avoid publication.	1	•		Subtotal (Additional Fees	) \$1	
1.313 to withdraw an application from issue. 1.314 to defer issuance of a patent.	1			Total Amount of Payment	: \$1	
ubmitted by:	1					
CUSTOMER NUMBER DORSEY & WHITNEY LLP 27,076	Sea	ttle, WA	98101-	Suite 3400 -4010 one / (206) 903-8820 fax		
ame: Karen Lenaburg	1 (200	., 505-00C	JU PITO	Reg. No.: 58,371	<del></del>	
ame. Natell Lenabuly				Neg. No 30,37		